

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042720\
 Data File : VN061150.D
 Acq On : 27 Apr 2020 15:39
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 4/28/2020 8:14:32 PM

Quant Time: Apr 28 01:40:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 01:31:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	103946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	181712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	167256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	73220	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	940	0.951	ug/l	94
3) Chloromethane	2.03	50	1180	0.979	ug/l	96
4) Vinyl Chloride	2.16	62	1388	0.958	ug/l	98
6) Chloroethane	2.67	64	935	1.182	ug/l #	81
7) Trichlorofluoromethane	2.98	101	1558	0.998	ug/l	90
8) Diethyl Ether	3.37	74	512	0.717	ug/l	71
9) 1,1,2-Trichlorotrifluoroet	3.72	101	1064	1.034	ug/l #	66
12) 1,1-Dichloroethene	3.70	96	1062	1.011	ug/l	93
14) Allyl chloride	4.27	41	2126m	1.250	ug/l	
15) Acrylonitrile	4.92	53	2780m	4.879	ug/l	
16) Acetone	3.77	43	7876	11.493	ug/l	96
17) Carbon Disulfide	4.01	76	2679	0.864	ug/l #	75
18) Methyl Acetate	4.28	43	2982	1.607	ug/l #	59
19) Methyl tert-butyl Ether	4.99	73	4205	1.122	ug/l	98
20) Methylene Chloride	4.49	84	1276	1.046	ug/l #	84
21) trans-1,2-Dichloroethene	4.99	96	1111m	0.888	ug/l	
22) Diisopropyl ether	5.90	45	4228	1.071	ug/l #	93
23) Vinyl Acetate	5.84	43	15985	5.047	ug/l	97
24) 1,1-Dichloroethane	5.79	63	2255	1.047	ug/l #	84
25) 2-Butanone	6.78	43	4210	5.361	ug/l	98
26) 2,2-Dichloropropane	6.77	77	2343	1.233	ug/l #	67
27) cis-1,2-Dichloroethene	6.77	96	1255m	0.901	ug/l	
28) Bromochloromethane	7.14	49	1033	1.106	ug/l #	56
29) Tetrahydrofuran	7.17	42	2674	4.949	ug/l	96
30) Chloroform	7.33	83	2368	1.087	ug/l	93
32) 1,1,1-Trichloroethane	7.52	97	2101	1.082	ug/l #	50
36) 1,1-Dichloropropene	7.75	75	1571	0.882	ug/l #	79
37) Ethyl Acetate	6.87	43	1960	1.071	ug/l #	71
38) Carbon Tetrachloride	7.72	117	1005	0.649	ug/l #	86
39) Methylcyclohexane	9.04	83	1894	0.882	ug/l	95
40) Benzene	8.00	78	5334	1.013	ug/l	98
41) Methacrylonitrile	7.13	41	858m	1.023	ug/l	
42) 1,2-Dichloroethane	8.09	62	1863	0.978	ug/l #	76
43) Isopropyl Acetate	8.12	43	3302	1.065	ug/l #	80

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.80	130	1552	1.025	ug/l	95
45) 1,2-Dichloropropane	9.09	63	1356	0.968	ug/l	96
46) Dibromomethane	9.17	93	728	0.816	ug/l	88
47) Bromodichloromethane	9.37	83	1713	0.965	ug/l #	92
48) Methyl methacrylate	9.16	41	1373	0.945	ug/l	98
49) 1,4-Dioxane	9.16	88	445	20.934	ug/l #	65
51) 4-Methyl-2-Pentanone	9.95	43	8795	4.844	ug/l	100
52) Toluene	10.12	92	2933	0.891	ug/l	93
53) t-1,3-Dichloropropene	10.35	75	2038	0.946	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	2221	0.994	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	1198	0.944	ug/l #	81
56) Ethyl methacrylate	10.40	69	1388	0.714	ug/l #	86
57) 1,3-Dichloropropane	10.67	76	1963	0.901	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.66	63	4675	4.662	ug/l	98
59) 2-Hexanone	10.72	43	6125	4.572	ug/l	93
60) Dibromochloromethane	10.87	129	1216	0.917	ug/l	91
61) 1,2-Dibromoethane	10.98	107	1068	0.818	ug/l	91
64) Tetrachloroethene	10.60	164	1377	0.826	ug/l	92
65) Chlorobenzene	11.41	112	3143	0.932	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.48	131	1077	0.900	ug/l #	65
67) Ethyl Benzene	11.48	91	5663	0.898	ug/l	96
68) m/p-Xylenes	11.59	106	4126	1.757	ug/l	94
69) o-Xylene	11.92	106	1960	0.865	ug/l	94
70) Styrene	11.94	104	3123	0.848	ug/l	95
71) Bromoform	12.10	173	680	0.758	ug/l #	62
73) Isopropylbenzene	12.22	105	5051	0.918	ug/l	97
74) N-amyl acetate	12.04	43	2423	0.960	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.48	83	1566	1.037	ug/l #	90
76) 1,2,3-Trichloropropane	12.53	75	1699m	1.025	ug/l	
77) Bromobenzene	12.50	156	1125	0.847	ug/l	88
78) n-propylbenzene	12.56	91	6007	0.928	ug/l	99
79) 2-Chlorotoluene	12.65	91	3532	0.939	ug/l	96
80) 1,3,5-Trimethylbenzene	12.71	105	3984	0.860	ug/l	96
82) 4-Chlorotoluene	12.75	91	3792	0.949	ug/l	94
83) tert-Butylbenzene	12.97	119	3433	0.884	ug/l	95
84) 1,2,4-Trimethylbenzene	13.01	105	4434	0.958	ug/l	89
85) sec-Butylbenzene	13.15	105	4552	0.863	ug/l	98
86) p-Isopropyltoluene	13.26	119	4180	0.874	ug/l	93
87) 1,3-Dichlorobenzene	13.26	146	2160	0.911	ug/l	94
88) 1,4-Dichlorobenzene	13.34	146	2397m	0.998	ug/l	
89) n-Butylbenzene	13.59	91	3777	0.865	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	2101	0.951	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.24	75	269	0.820	ug/l #	27
93) 1,2,4-Trichlorobenzene	14.88	180	1257	0.858	ug/l	94
94) Hexachlorobutadiene	14.99	225	492	0.775	ug/l	86
95) Naphthalene	15.10	128	3860	0.846	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.28	180	1231	0.872	ug/l	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

